

Notice of Allowability

Application No.

09/848,952

Examiner

J. Derek Rutten

Applicant(s)

LURIE ET AL.

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-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address--

All claims being allowable, PROSECUTION ON THE MERITS IS (OR REMAINS) CLOSED in this application. If not included herewith (or previously mailed), a Notice of Allowance (PTOL-85) or other appropriate communication will be mailed in due course. **THIS NOTICE OF ALLOWABILITY IS NOT A GRANT OF PATENT RIGHTS.** This application is subject to withdrawal from issue at the initiative of the Office or upon petition by the applicant. See 37 CFR 1.313 and MPEP 1308.

1. ☒ This communication is responsive to 8/1/07 RCE.
2. ☒ The allowed claim(s) is/are 2-8, 13, 14, 16-18, 20-24, 30-35, 37, 38, 61, and 63-67 (renumbered 1-32).
3. ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
 - a) ☐ All b) ☐ Some* c) ☐ None of the:
 1. ☐ Certified copies of the priority documents have been received.
 2. ☐ Certified copies of the priority documents have been received in Application No. _____.
 3. ☐ Copies of the certified copies of the priority documents have been received in this national stage application from the International Bureau (PCT Rule 17.2(a)).

* Certified copies not received: _____.

Applicant has THREE MONTHS FROM THE "MAILING DATE" of this communication to file a reply complying with the requirements noted below. Failure to timely comply will result in ABANDONMENT of this application.

THIS THREE-MONTH PERIOD IS NOT EXTENDABLE.

4. ☐ A SUBSTITUTE OATH OR DECLARATION must be submitted. Note the attached EXAMINER'S AMENDMENT or NOTICE OF INFORMAL PATENT APPLICATION (PTO-152) which gives reason(s) why the oath or declaration is deficient.
 5. ☐ CORRECTED DRAWINGS (as "replacement sheets") must be submitted.
 - (a) ☐ including changes required by the Notice of Draftsperson's Patent Drawing Review (PTO-948) attached
 - 1) ☐ hereto or 2) ☐ to Paper No./Mail Date _____.
 - (b) ☐ including changes required by the attached Examiner's Amendment / Comment or in the Office action of Paper No./Mail Date _____.
- Identifying indicia such as the application number (see 37 CFR 1.84(c)) should be written on the drawings in the front (not the back) of each sheet. Replacement sheet(s) should be labeled as such in the header according to 37 CFR 1.121(d).
6. ☐ DEPOSIT OF and/or INFORMATION about the deposit of BIOLOGICAL MATERIAL must be submitted. Note the attached Examiner's comment regarding REQUIREMENT FOR THE DEPOSIT OF BIOLOGICAL MATERIAL.

Attachment(s)

1. ☐ Notice of References Cited (PTO-892)
2. ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
3. ☐ Information Disclosure Statements (PTO/SB/08),
Paper No./Mail Date _____
4. ☐ Examiner's Comment Regarding Requirement for Deposit
of Biological Material
5. ☐ Notice of Informal Patent Application
6. ☒ Interview Summary (PTO-413B)
Paper No./Mail Date 2007.09.11
7. ☒ Examiner's Amendment/Comment
8. ☒ Examiner's Statement of Reasons for Allowance
9. ☐ Other _____

TUAN DAM
SUPERVISORY PATENT EXAMINER

DETAILED ACTION

1. This action is in response to Applicant's submission filed 8/1/07, responding to the 5/1/07 Office action which detailed the rejection of claims 2-14, 16-24, 26, 28, 30-35, and 37-60. Claims 2-8, 16, 18-23, 30-35, 37, and 38 have been amended, claims 1, 9-12, 15, 25-29, 36, and 39-60 have been canceled, and new claims 61-67 have been added. Claims 2-8, 13, 14, 16-24, 30-35, 37, 38, and 61-67 remain pending in the application and have been fully considered by the examiner.

EXAMINER'S AMENDMENT

2. An examiner's amendment to the record appears below. Should the changes and/or additions be unacceptable to applicant, an amendment may be filed as provided by 37 CFR 1.312. To ensure consideration of such an amendment, it MUST be submitted no later than the payment of the issue fee.

Authorization for this examiner's amendment was given in a telephone interview with Adam D. Sheehan, Reg. No. 42,146, on 9/11/07. During the interview, Mr. Sheehan agreed to several proposed amendments to place the claims in condition for allowance.

The application has been amended as follows: Claims 61 and 65-67 have been amended, and claims 19 and 62 have been canceled as shown below.

CLAIM AMENDMENTS

19. (Canceled)

61. (Currently Amended) A method, comprising:

distributing a software platform to a first enterprise, the software platform for use in connection with an enterprise computing system having a plurality of backend software applications;

distributing the software platform to a second enterprise;

the software platform including a data modeling program including:

a mobile data model generator configured to create a first mobile data model including a first set of classes and a second mobile data model including a second set of classes, the first set of classes including some but not all of an available set of classes in an enterprise data store, the second set of classes including some but not all of an available set of classes in the enterprise data store, the second set of classes different from the first set of classes;

an application development engine configured to generate instructions, operable to reference one or more data elements, data relationships, data dependencies and data distribution attributes of the mobile data models when interfacing with a backend application, for deployment to a distributed computing platform and that allow the distributed computing platform to access information within a locally saved first mobile data store, the first mobile data store based on the first mobile data model and allow the

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distributed computing platform to access information within a second mobile data store, the second mobile data store based on the second mobile data model; and

a mobile messenger layer application configured to receive first data transactions associated with the first mobile data store and second data transactions associated with the second mobile data store and to alter ~~the first mobile~~ an enterprise data store based on the first and second data transactions.

62. (Canceled)

65. (Currently Amended) A system integration method comprising:

integrating a first computing system into a first enterprise network, the first computing system comprising:

a first integration unit operable to access a backend application of the first enterprise network, the integration engine further operable to access a first mobile data store based on a first mobile data model, the first mobile data model including a first set of classes, the first set of classes including some but not all of an available set of classes in an enterprise data store;

a first connection unit responsive to a first plurality of mobile computing devices, at least one of the first plurality of mobile computing devices having access to the first mobile data model data store; and

integrating a second computing system to a second enterprise network, the second computing system comprising:

a second integration unit operable to access a backend application of the second enterprise network, the integration engine further operable to access a second mobile data store based on a second mobile data model, the second mobile data model including a second set of classes, the second set of classes including some but not all of an available set of classes in the enterprise data store, the second set of classes different from the first;

a second connection unit responsive to a second plurality of mobile computing devices, at least one of the second plurality of mobile computing devices having access to the second data model data store; and

developing a mobile software application for deployment on a mobile computing device, the mobile software application operable to reference one or more data elements, data relationships, data dependencies and data distribution attributes of the mobile data models when interfacing with a backend application.

66. (Currently Amended) A method, comprising:

receiving a software platform at a first enterprise, the software platform for use in connection with an enterprise computing system having a plurality of backend software applications;

the software platform including a data modeling program including:

a mobile data model generator configured to create a first mobile data model including a first set of classes and a second mobile data model including a second set of classes, the first set of classes including some but not all of an available set of classes in an enterprise data store, the second set of classes including some but not all of an

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available set of classes in the enterprise data store, the second set of classes different from the first set of classes;

an application development engine configured to generate instructions, operable to reference one or more data elements, data relationships, data dependencies and data distribution attributes of the mobile data models when interfacing with a backend application, for deployment to a distributed computing platform and that allow the distributed computing platform to access information within a locally saved first mobile data store, the first mobile data store based on the first mobile data model and allow the distributed computing platform to access information within a second mobile data store, the second mobile data store based on the second mobile data model; and

a mobile messenger layer application configured to receive first data transactions associated with the first mobile data store and second data transactions associated with the second mobile data store and to alter ~~the first mobile~~ an enterprise data store based on the first and second data transactions.

67. (Currently Amended) A method comprising:

receiving a software platform, the software platform including a data modeling program including:

a mobile data model generator configured to create a first mobile data model including a first set of classes and a second mobile data model including a second set of classes, the first set of classes including some but not all of an available set of classes in an enterprise data store, the second set of classes including some but not all of an

available set of classes in the enterprise data store, the second set of classes different from the first set of classes;

an application development engine configured to generate instructions, operable to reference one or more data elements, data relationships, data dependencies and data distribution attributes of the mobile data models when interfacing with a backend application, for deployment to a distributed computing platform and that allow the distributed computing platform to access information within a locally saved first mobile data store, the first mobile data store based on the first mobile data model and allow the distributed computing platform to access information within a second mobile data store, the second mobile data store based on the second mobile data model; and

a mobile messenger ~~layer application~~ configured to receive first data transactions associated with the first mobile data store and second data transactions associated with the second mobile data store and to alter ~~the first mobile~~ an enterprise data store based on the first and second data transactions; and
hosting the software platform on a server.

Allowable Subject Matter

3. The following is an examiner's statement of reasons for allowance:

The examiner indicated that this application would be in condition for allowance if the independent claims 61 and 65-67 are amended to include the features of claim 19. The above features taken in combination with all remaining features of the independent claim are not taught

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or suggested by the prior art of record. The applicant agreed to amend the independent claims 61 and 65-67 as indicated by the examiner.

Any comments considered necessary by applicant must be submitted no later than the payment of the issue fee and, to avoid processing delays, should preferably accompany the issue fee. Such submissions should be clearly labeled "Comments on Statement of Reasons for Allowance."

Conclusion

4. Any inquiry concerning this communication or earlier communications from the examiner should be directed to J. Derek Rutten whose telephone number is (571)272-3703. The examiner can normally be reached on M-F 8:00-4:30.


If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Tuan Q. Dam can be reached on (571)272-3695. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free). If you would

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like assistance from a USPTO Customer Service Representative or access to the automated information system, call 800-786-9199 (IN USA OR CANADA) or 571-272-1000.

jdr



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